

IN THE CLAIMS

1. (Currently Amended) A method of treating dental caries—caries and remineralizing lesions, said method comprising the steps of:

directing a stream comprising an oxidizing gas onto a carious lesions for a period of time sufficient to kill microorganisms within the carious lesion; and

thereafter applying to the lesion a remineralization formulation comprising:

INGREDIENT	PERCENT W/W
Water	16.5576
Sorbitol 70%NF	21.5933
Sodium Benzoate NF	0.5000
PVP	2.0000
Sodium Tripolyphosphate	3.0000
Titanium Dioxide	1.0000
Sodium Monofluorophosphate	0.2400
Xylitol	0.4000
Zinc Chloride	0.7500
Sodium Citrate USP	2.6000
Methyl Paraben	0.1200
Dicalcium Phosphate, Dihydrate USP	12.0000
Glycerin, 99.7%	17.8890
Carboxymethylcellulare	0.9000
Hydrated Silica	14.125
Sodium Lauryl Sulfate	0.6000
Sodium Methyl Cocoyl Taurate	0.6000
Riboflavin	0.0001
Flavor	2.0000
Chlorine Dioxide Solution, 2%	3.1250
	100.0000

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Currently Amended) The A method according to claim 3 wherein the formulation comprising of treating dental caries remineralizing lesions, said method comprising the steps of:

directing a stream comprising an oxidizing gas onto a carious lesions for a period of time sufficient to kill microorganisms within the carious lesion; and

thereafter applying to the lesion a remineralization formulation comprising:

<u>Ingredient</u>	Percent w/w
Deionized Water	93.4800
Sodium Benzoate	0.3000
Sodium Fluoride	0.2400
Xylitol	1.0000
Zinc Chloride	0.5000
Sodium Citrate	1.5000
Methylparaben	0.0800
Tauranel WS HP Sodium Methyl Cocoyl Taurate	0.7500
Flavor	0.8000
Poloxamor 407	1.2500
FD&C Blue #1	0.0000
Citric Acid	0.1000
	100.0000

Claims 6-27 cancelled.